

# RS

*Reference Standard (RS)*  
*Floorstanding Speaker System*  
*Models RS-4, RS-5*

**Owner's Manual**  
Part #333374-001



## THE REFERENCE STANDARD (RS) SERIES

All RS Series products use efficient drivers for maximum stereo output with minimal amplifier power. They are magnetically shielded, making them suitable for home theater applications as well.

### UNPACKING THE SPEAKERS

If you suspect damage from transit, report it immediately to your dealer and/or delivery service. Keep the shipping carton and packing materials for future use.

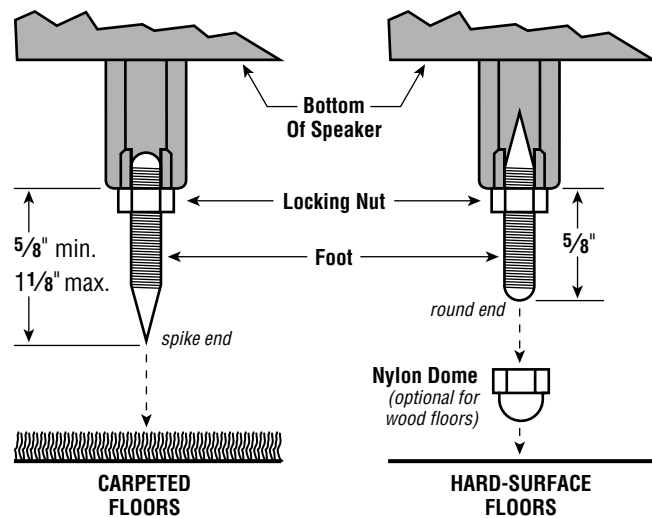
These speakers are covered by a Limited Warranty, so save the sales receipt to protect your purchase and aid in any service-related questions. Also, save these instructions for future reference.

# INSTALLING FEET

Refer to Figure 1 as you perform the following steps:

1. Open each accessory pack and locate the following items: four feet (with spike/round ends), four locking nuts, four nylon domes, and one wrench.
2. Lay each speaker on its side and locate the four threaded holes on the bottom.
3. For carpets, screw the round end of a foot into each hole and hand tighten a nut onto each one. Leave a minimum of  $\frac{5}{8}$ " exposed spike. (On thicker carpets, you can increase the length of exposed spike up to  $1\frac{1}{8}$ ".) For hard-surface floors, screw the spike end into each hole instead and leave  $\frac{5}{8}$ " of round end exposed.
4. Carefully flip each speaker upright to sit on its feet.
5. If needed, adjust the feet so each speaker is level and then tighten each nut with the enclosed wrench. To protect hard surfaces (e.g., wood floors), slip a nylon dome onto each round end.

Figure 1. This cross section shows how to install a foot onto the bottom of an RS-4 or RS-5 floorstanding speaker.



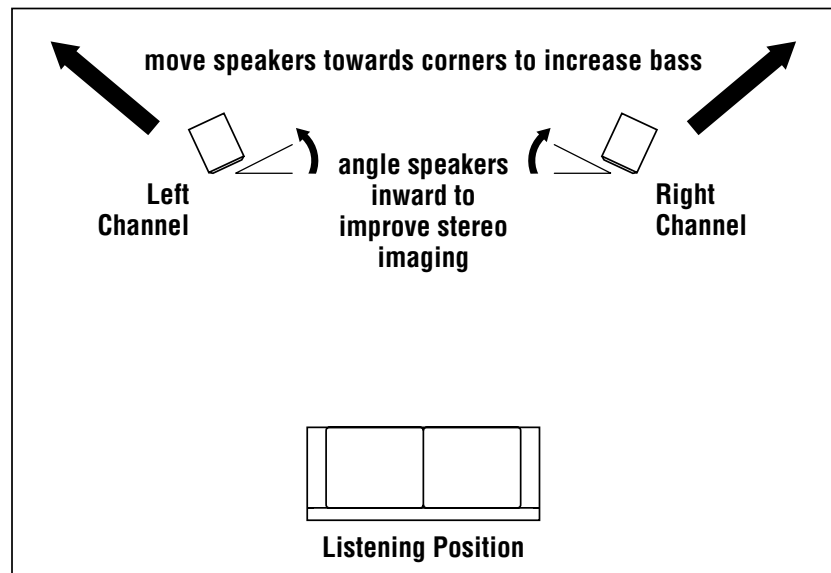
## STEREO SPEAKER PLACEMENT...

Figure 2. Experiment with speaker placement to obtain the best bass level and stereo imaging in your room.

## PLANNING YOUR SYSTEM

Before deciding where to put your RS Series floorstanding speakers, survey your room and think about placement, keeping the following points in mind:

- ◆ For best results, try placing the speakers closer together than the distance to the listening area.
- ◆ Refer to Figure 2 when placing speakers for best bass level and stereo image (see *Final Adjustments* on page 6).
- ◆ Refer to *Home Theater Placement* (below) if you also plan to use the speakers for home theater reproduction.



## HOME THEATER PLACEMENT...

RS-4 and RS-5 floorstanding speakers are also suitable for use in reproducing home theater sound from front left and right channels.

Place one RS Series floorstanding speaker on the left and another on the right, along either side of the television monitor. Since the speakers are magnetically shielded, you can set them in very close without worrying about the field distorting the TV picture.

*NOTE: For maximum home theater enjoyment, your audio system should also include a center-channel speaker and a pair of rear-surround speakers. Moreover, you can add a subwoofer for deep bass impact on sound effects and music. Contact your local Infinity dealer for recommendations on adding these home theater speakers to your system.*

## TURN OFF ALL POWER...

### IMPORTANT!

Figure 3. Wiring diagram shows polarity connections for one channel of a stereo or home theater system.

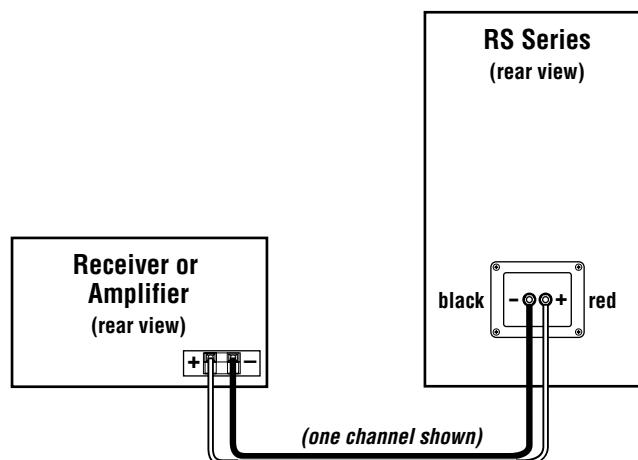
## WIRING THE SYSTEM

**IMPORTANT:** Make sure all equipment is turned off before making any connections.

For speaker connections, use #18 gauge speaker wire (or #16 for runs over 25 feet) with polarity coding. The side of the wire with a ridge or other coding is usually considered negative polarity (i.e., -).

RS Series speakers have color-coded terminals that accept a variety of wire connectors. To ensure proper polarity, connect each + terminal on the back of the amplifier, receiver, or television to the respective + (red) terminal on each speaker, as shown in Figure 3. Similarly, connect the - (black) terminals in the same way. Also, see the owner's manuals that were included with your amplifier, receiver, or television to confirm connection procedures.

*Do not reverse polarities (i.e., + to - or - to +) when making connections. Doing so will cause poor imaging and diminished bass response.*



## FINAL ADJUSTMENTS

Check the speakers for playback first by setting the system volume control for a minimum level, and then by applying power to your audio system. Play a favorite music or video segment and increase the system volume control to a comfortable level.

*NOTE: You should hear balanced audio reproduction across the entire frequency spectrum. If not, check all wiring connections or consult the Authorized Infinity Dealer where you purchased the system for more help.*

The amount of bass you hear and the stereo image quality will be affected by a number of different factors, including the room's size and shape, the construction materials used to build the room, the listener's position relative to the speakers, and the position of the speakers in the room.

Listen to a variety of music selections and note the bass level. If there is too much bass, move the speakers away from nearby walls (see Figure 2 on page 4). Conversely, if you want more bass, place the speakers closer to the walls.

Nearby reflecting surfaces can adversely affect stereo imaging quality. If this happens, try angling the speakers slightly inward toward the listening position, until the desired effect is achieved (see Figure 2 on page 3).

## CARE OF YOUR SPEAKER SYSTEM

Each RS Series cabinet has a wood-vinyl finish that does not require any routine maintenance. When needed, use a soft cloth, dampened with water only, to remove any fingerprints or to wipe off dust.

Clean the grille by gently vacuuming or wiping with a damp cloth.

*NOTE: Do not use any cleaning products or polishes on the cabinet or grille.*

# SPECIFICATIONS

## PERFORMANCE DATA

## DRIVE UNITS

## DIMENSIONS

## PERFORMANCE DATA

## DRIVE UNITS

## DIMENSIONS

# RS-4

Recommended Amplifier Power: 15 ~ 175 W  
Frequency Range: 38 ~ 20,000Hz  
Sensitivity: (2.83 V @ 1 m) 90dB spl  
Nominal Impedance: 8  $\Omega$

Bass: 6 1/2" (160 mm)  
High Frequency: 1" (25 mm)

Height\*, Width, Depth: 35 1/2 x 7 1/2 x 12 1/2" (902 x 190 x 318 mm)  
Weight (each, net): 33.9 lb (15.2 kg)

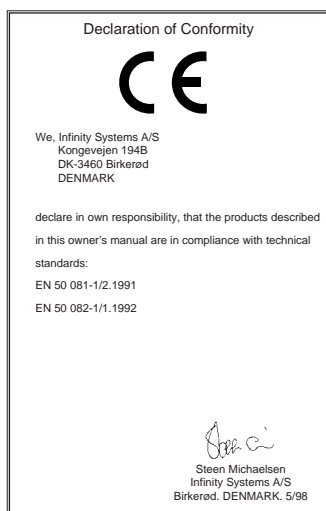
# RS-5

Recommended Amplifier Power: 15 ~ 200 W  
Frequency Range: 35 ~ 20,000Hz  
Sensitivity: (2.83 V @ 1 m) 92dB spl  
Nominal Impedance: 8  $\Omega$

Bass: dual 6 1/2" (160 mm)  
High Frequency: 1" (25 mm)

Height\*, Width, Depth: 40 x 7 1/2 x 12 1/2" (1,016 x 190 x 318 mm)  
Weight (each, net): 40.4 lb (18.1 kg)

\* Add 2 1/4" (57 mm) for foot bar.



Infinity constantly strives to update and improve existing products, as well as create new ones. Therefore, the specifications and construction details in this and related Infinity publications are subject to change without notice.

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*P/N 333374-001*